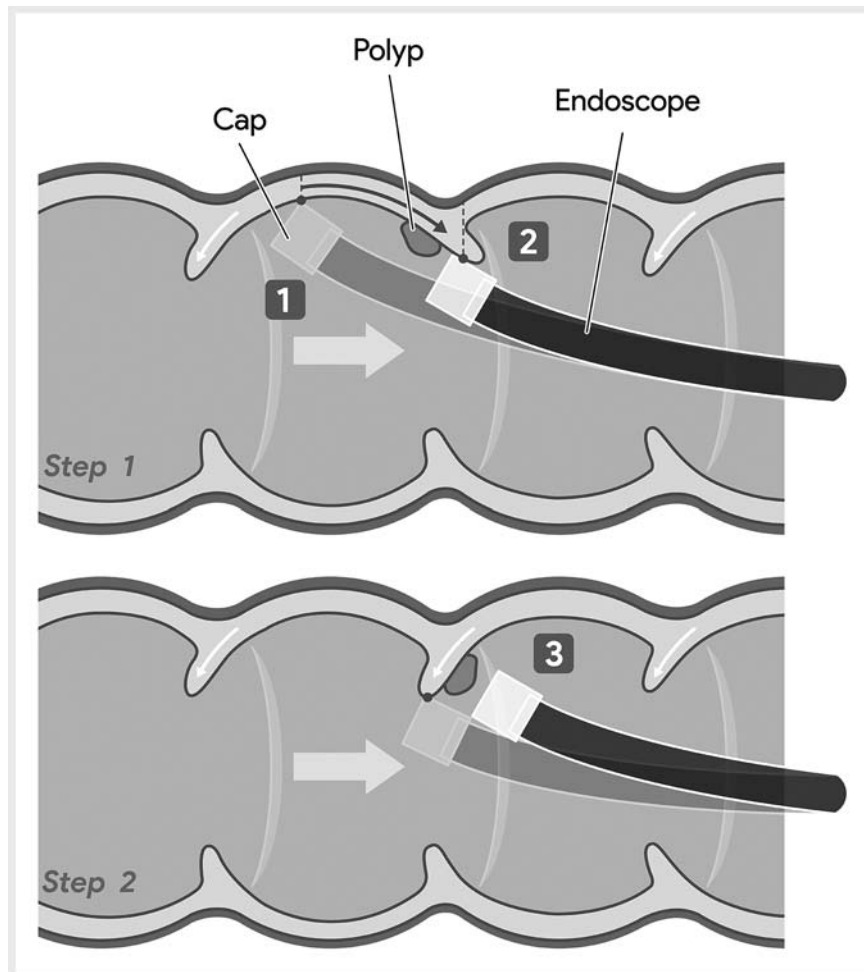


## Suggestion of a standard maneuver in cap-assisted colonoscopy: hooking and dragging maneuver

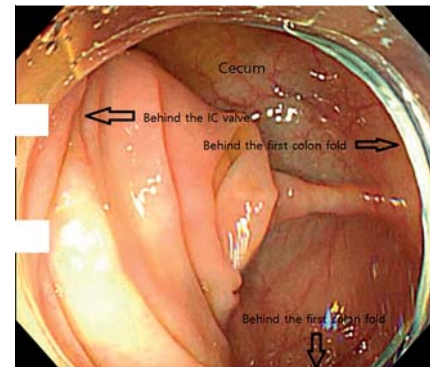


► **Fig. 1** Schematic diagram of “hooking and dragging maneuver”. Source: Park Sabeom.

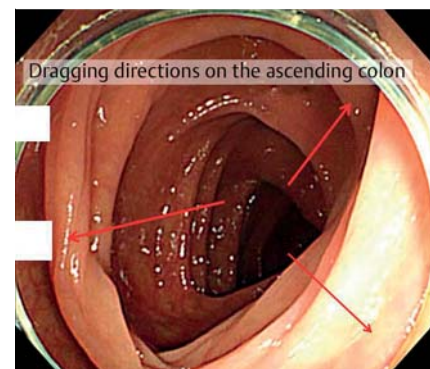
Cap-assisted colonoscopy involves the attachment of a distal transparent cap to the end of the colonoscope. This method has several advantages, such as decreasing insertion time [1] and enabling easy flattening of the mucosal folds, thus permitting visualization of the hidden polyps behind the mucosal folds [2]. However, the use of cap-assisted colonoscopy in detecting adenomas is debatable [1,3]. Until now, although the benefits of using a clear cap have been discussed, there have been no discussions on how to use it. Therefore, this study suggests a “hooking and dragging maneuver” (► **Video 1**).

This maneuver involves hooking the mucosal fold with the tip of the cap, dragging the scope, scratching along the colon wall, and stretching multiple mucosal folds simultaneously (► **Fig. 1**). This technique allows the visualization of multiple posterior regions of the mucosal fold at the same time, minimizing the hidden areas. Hooking points and dragging directions on the cecum (► **Fig. 2**), the ascending colon (► **Fig. 3**), and the hepatic flexure (► **Fig. 4**) are shown.

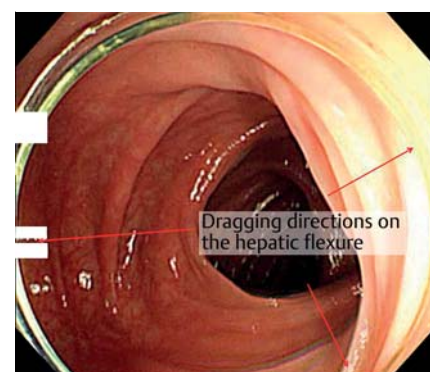
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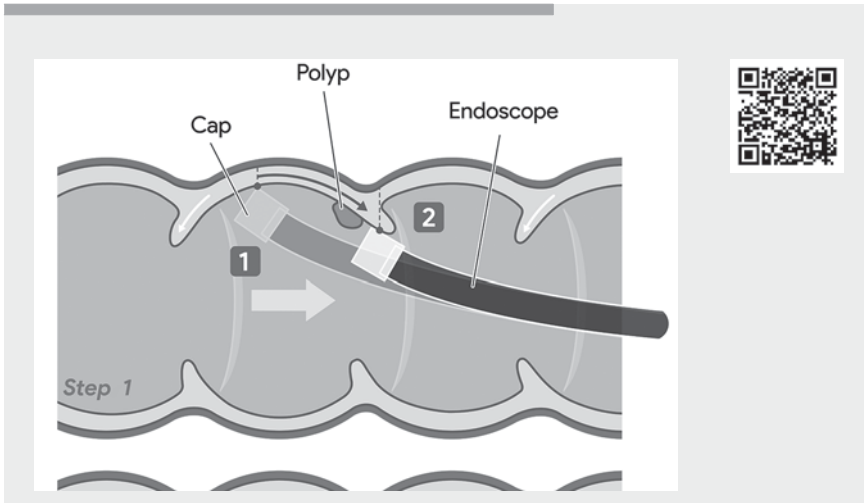
► **Fig. 2** Mucosal hooking points on the cecum.



► **Fig. 3** Mucosal hooking points on the ascending colon.



► **Fig. 4** Mucosal hooking points on the hepatic flexure.



**Video 1** “Hooking and dragging maneuver” as a standard maneuver in cap-assisted colonoscopy. Source for graphical illustration: Park Sabeom.

## Bibliography

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## Competing interests

The authors declare that they have no conflict of interest.

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